Name:

Do your work in this directory:

/data/courses/ece\_1111/current/quizzes/qu\_11/lastname\_firstname

creating a file named p01.py that contains your solution.

Write a class in Python called MyUniqueSort that has a method called load that takes a filename as an input and does the following:

1. Displays a user-defined error message if the file fails to open.
2. Reads the file line by line.
3. Eliminates duplicate lines.

Write a second method, uniquesort, that takes no arguments and sorts the internal data of the class (containing the contents of the file).

Write a third method, print, that takes a file pointer as an argument and prints out a line number followed by the line.

Use this driver program to run your code:

/data/courses/ece\_1111/current/quizzes/qu\_11/picone\_joseph/p01.py

Provide implementations in p01.py for load, uniquesort and print.